
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the application of: )

James E. Akiyama )

Examiner: Unassigned )

Serial No.: 09/164,898 )

Art Unit: 2751 )

Filed: October 1, 1998 )

For: VIRTUALIZED STRIPING )  
CONTROLLER )**RECEIVED**

FEB 08 1999

Group 2700

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR: Transmitted herewith is a Preliminary Amendment for the above application.

Small entity status of this application under 37 C.F.R. §§ 1.9 and 1.27 has been established by a verified statement previously submitted.

A verified statement to establish small entity status under 37 C.F.R. §§ 1.9 and 1.27 is enclosed.

No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amd.		Highest No. Previously Paid For	Present Extra
Total Claims	* 15	Minus	** 20	0
Indep. Claims	* 6	Minus	*** 3	3
First Presentation of Multiple Dependent Claim(s)				

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

SMALL ENTITY	
Rate	Additional Fee
x9	\$ 0
x39	\$ 0
+130	\$ 0
Total Add. Fee	\$ 0

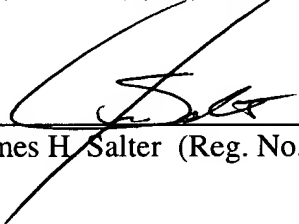
OTHER THAN A SMALL ENTITY	
Rate	Additional Fee
x18	\$ 0
x78	\$ 234
+260	\$ 0
Total Add. Fee	\$ 234

- ☒ A check in the amount of \$ 234.00 is attached for presentation of additional claim(s).
- ☐ Applicant(s) hereby Petition(s) for an Extension of Time of      ( ) month(s) pursuant to 37 C.F.R. § 1.136(a).
- ☐ A check for \$      is attached for processing fees under 37 C.F.R. § 1.17.
- ☐ Please charge my Deposit Account No. 02-2666 the amount of \$     .
- A duplicate copy of this sheet is enclosed.**
- ☒ The Commissioner of Patents and Trademarks is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 **(a duplicate copy of this sheet is enclosed):**
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.
- ☒ Any extension or petition fees under 37 C.F.R. § 1.17.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: 1/29, 1999

  
James H. Salter (Reg. No. 35,668)

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, California 90025  
(408) 720-8598

**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on January 29, 1999.

Barbara Skliba

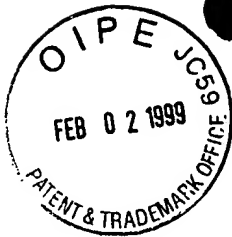
Name of Person Mailing Correspondence

Barbara Skliba

Signature

1/29/99

Date



PTO/SB/17(10/96)

Approved for use through 09/30/98. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to  
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control number.

**FEE TRANSMITTAL****TOTAL AMOUNT OF PAYMENT (\$)** 234.00**Complete if Known:**

Application No. 09/164,898  
Filing Date October 1, 1998  
First Named Inventor James E. Akiyama  
Group Art Unit 2751  
Examiner Name Unassigned  
Attorney Docket No. 42390.P3373

**METHOD OF PAYMENT (check one)**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit  
any over payments to:

Deposit Account Number \_\_\_\_\_  
Deposit Account Name \_\_\_\_\_

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit any over payments to  
Deposit Account Number 02-2666

- ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the  
Notice of Allowance, 37 CFR 1.131(b)

2. ☒ Payment Enclosed  
☒ Check  
\_\_\_\_ Money Order  
\_\_\_\_ Other

**FEE CALCULATION (fees effective 10/01/97)****1. FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility application filing fee	_____
106	330	206	165	Design application filing fee	_____
107	540	207	270	Plant filing fee	_____
108	790	208	395	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
SUBTOTAL (1)					\$ 0

**2. CLAIMS**

		Extra		Fee from below		Fee Paid
Total Claims	_____	- 20 =	_____	X	_____	_____
Independent Claims	_____	- 3 =	_____	X	_____	_____
Multiple Dependent Claims	_____		_____	X	_____	_____

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	22	203	11	Claims in excess of twenty	_____
102	82	202	41	Independent claims in excess of 3	_____
104	270	204	135	Multiple dependent claim	_____
109	82	209	41	Reissue independent claims over original patent	_____
110	22	210	11	Reissue claims in excess of 20 and over original patent	_____
SUBTOTAL (2)					\$ 0

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	950	217	475	Extension for response within third month	
118	1,510	218	755	Extension for response within fourth month	
128	2,060	228	1,030	Extension for response within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	For filing a submission after final rejection	
149	790	249	395	For each additional invention to be examined	
Other: <u>Additional Claims</u>					<u>234.00</u>
SUBTOTAL (3)					\$ <u>234.00</u>

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY:

Typed or Printed Name: James H. SalterSignature [Signature]Date 1/29/99Reg. Number 35,668

Deposit Account User ID \_\_\_\_\_

(complete if applicable)

## FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on January 29, 1999.

Barbara Skliba

Name of Person Mailing Correspondence

Barbara Skliba

Signature

1/29/99

Date

# 2/12/02  
6/02/02IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

James E. Akiyama

Serial No.: 09/164,898

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Examiner: Unassigned

Art Unit: 2751

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Group 2700

Assistant Commissioner for Patents  
Washington, D.C. 20231PRELIMINARY AMENDMENT

Dear Sir:

In connection with the filing of the above-referenced patent application, please amend the application and consider the following remarks.

IN THE SPECIFICATION:

On page 4, lines 8-18, please replace the Summary of the Invention with the following:

A<sup>1</sup>

-- A striping disk controller and disk drive system for a computer system wherein the computer system includes a CPU connected to a system bus and executes an operating system including a BIOS, the striping disk controller and disk drive system includes, 1) an interface connected to the system bus and communicating with the BIOS, 2) first and second disk drives each having data separator electronics, data formatting electronics and head positioning electronics, and 3) a striping controller connected between the first and second disk drives and the interface, the striping controller adapted to cause data being communicated between the system bus and the first and second drives to be written to and read from the first and second drives in an interleaved form and substantially in parallel. --

IN THE ABSTRACT:

On page 15, lines 1-11, please replace the Abstract with the following:

A<sup>2</sup>

-- A striping disk controller and disk drive system for a computer system wherein the computer system includes a CPU connected to a system bus and executes an operating system including a BIOS, the striping disk controller and disk drive system includes, 1) an interface connected to the system bus and

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